

Title (en)
EXHAUST GAS PURIFICATION DEVICE

Title (de)
ABGASREINIGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE PURIFICATION DE GAZ D'ÉCHAPPEMENT

Publication
EP 1933014 A1 20080618 (EN)

Application
EP 06783164 A 20060828

Priority
• JP 2006317392 W 20060828
• JP 2005255138 A 20050902

Abstract (en)
An ECU corrects a fuel addition interval, based on an amount of change between an exhaust gas temperature at present and a basic exhaust gas temperature obtained when a basic addition interval is set, to reduce the fuel addition interval with an increase in the amount of change in the exhaust gas temperature (steps ST1-ST4). With such correction of the addition interval, when the exhaust gas temperature is increased in a highland region or the like, the fuel addition interval is corrected to be reduced and an fuel addition amount is corrected to be increased according to the increase in the exhaust gas temperature. Thereby, an increase in a temperature at a tip portion of a fuel addition valve can be suppressed, and thus clogging of an ejection hole of the fuel addition valve with deposits can be avoided.

IPC 8 full level
F01N 3/36 (2006.01); **B01D 53/94** (2006.01); **F01N 3/025** (2006.01); **F01N 3/08** (2006.01); **F01N 9/00** (2006.01)

CPC (source: EP US)
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Cited by
WO2010003424A1; CN102947568A; CN103003540A; EP2582945A4; CN103003538A; EP2582936A4; US9399940B2; US8371110B2; WO2011162698A1; WO2011162701A1; WO2011162699A1

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DE FR

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